

ECS Configuration Change Request

Page 1 of 2 Page(s)

1. Originator Byron V. Peters	2. Log Date: 2/12/99	3. CCR #: 99-0129	4. Rev: —	5. Tel: 301/883 4077	6. Off: SED	7. Org. HWE
8. Title of Change: Baseline Engineering Technical Directive to fix Secure Shell (ssh) logging problem						
9. Originator Signature: <i>Byron V. Peters</i>	10. Date: 2/12/99	11. Class II	12. Type: CCR	13. Need Date: 2/19/99		
14. Office Manager Signature: <i>F. J. D. Dargatzis</i>	15. Date: 2/12/99	16. Date CCB Decision Needed: 2/15/99	17. Category of Change: Category	18. Priority: Routine		
19. Documentation/Drawings Impacted: None		20. Schedule Impact: None		21. CI(s) Affected: None - COTS		
22. Release Affected: Drop 4PX		23. Date due to Customer: N/A	24. Impl. Date: 2/19/99	25. Effectivity of Change: 2/19/99	26. Est. Cost None	
27. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other: ECSed18807						
28. Description of Change: (use additional Sheets if necessary) Several NCRs have been written against ssh not logging information to a system log on Sun platforms in particular. It would also be desirable to use a separate log file for ssh to not clutter the primary system log.						
29. Proposed Solution: (use additional sheets if necessary) See attached Engineering Technical Directive for the proposed changes.						
30. Alternate Solution: (use additional sheets if necessary) None.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) The requirement to have system logins audited in a system log will not be followed.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test <input checked="" type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input checked="" type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input checked="" type="checkbox"/> M&O <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input checked="" type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input checked="" type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input checked="" type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:				36. Work Assigned To:		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>Mark M. Donald 2/15/99</i>		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

CM01 August 27, 1998

ECS/EDF/REL2 CCB

ORIGINAL

02-12-99P01:50 RCVD

ECS Project

Engineering Technical Directive

No. 99-003

Subject: Secure Shell not logging

12 Feb 99

The following directive is issued to all DAACS and labs.

Issue: Secure Shell is not logging sessions to a log file.

Fix: At each host running secure shell, /etc/syslog.conf and /etc/sshd_config must be modified.

Testing: Initiate an ssh session to the host and verify that it is logged.

Implementation:

1. Edit /etc/syslog.conf. Add as the last line:
local4.info <tab> <tab> ... /var/log/ssh
Note: This sets up /var/log/ssh as the logfile for ssh audit data
2. Create the log file using the command:
touch /var/log/ssh
3. Edit /etc/sshd_config. Modify the line containing SyslogFacility by replacing the word DAEMON with LOCAL4 so that the line looks like:
SyslogFacility LOCAL4
4. Restart syslogd
 - A. Execute:
ps -ef | grep syslogd (note the PID)
 - B. Execute:
kill -HUP PID
5. Restart ssh. Stop, then start ssh using the commands:
 - A. SGIs and Suns:
/etc/init.d/ssh stop
/etc/init.d/ssh start
 - B. HPs:
/sbin/init.d/ssh stop

Point of Contact: Byron Peters
email: bpeters@eos.hitc.com, telephone: 301/883-4077

Approved By:  M. McBride
Director, Systems Engineering

Reference CCR: 99-0129

-----End of Directive-----